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# **1977 PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS**



plots were located on a Cisne silt loam, a poorly drained gray prairie soil with a well-developed claypan. The natural fertility of this soil is not high, but good fertilization practices and crop rotations have brought the yield potential of the field to a moderately high level. The 1977 growing season was good. This test was planted May 25 and harvested November 11.

**Belleville.** This test was located on the Southern Illinois University Research Center at Belleville in St. Clair County. George Kapusta and Chuck Strieker were the cooperating agronomists. The trial was located on an Ebberst silt loam soil. The 1977 growing season was generally good for soybeans. This test was planted May 26 and harvested according to variety maturity on September 20 and 29, and November 9.

**Carbondale.** This test was located on the campus farm of Southern Illinois University at Carbondale in

Jackson County. George Kapusta and Jim Hubbard were the cooperating agronomists. The test plots were located on a Weir silt loam soil, and were in beans in 1975 and 1976. The 1977 growing season was dry. This trial was planted May 26 and harvested on November 8.

**Dixon Springs.** This test was located on the University of Illinois Research Center at Dixon Springs in Pope County. George McKibben was the cooperating agronomist. The test plots were located on a Sharon silt loam—a light-colored, moderately well-drained, medium-textured, bottomland soil.

Although the 1977 growing season was very favorable for crop growth, lodging and poor seed quality were problems in many varieties. Some varieties (as noted in results) showed substantial shattering at the time of harvest. This test was planted May 26 and harvested on November 3 and 4.

### Sources of Seed

Ag Seeds, Inc., P.O. Box 316, Carthage, IL 62321  
 Americana Seeds, Inc., R.R. 1, Clinton, WI 53525  
 The Andersons, P.O. Box 119, Maumee, OH 43537  
 Asgrow Seed Company, P.O. Box 1059, Des Moines, IA 50053  
 Louis Bellatti, R.R. 2, Mt. Pulaski, IL 62548  
 Bergmann Taylor Seeds, Inc., St. Jacob, IL 62281  
 Farmers Forage Research Cooperative, 4112 E. State Road 225, W. Lafayette, IN 47906  
 Ferry-Morse Seed Company, 600 E. Exchange St., Geneseo, IL 61254  
 FS Services, Inc., 1701 Towanda Ave., Bloomington, IL 61701  
 Funk Seeds International, Inc., 1300 W. Washington Street, Bloomington, IL 61701  
 Fred Gutwein & Sons, Inc., Box 40, Francesville, IN 47946  
 Hoblit Seed Company, Atlanta, IL 61723  
 Kruger Seed Co., R.R. 4, Cedar Falls, IA 50613  
 Landers Seed Company, Inc., P.O. Box 120, Sullivan, IL 61951  
 Lewis Seeds, Inc., P.O. Box 36, Ursa, IL 62376  
 Lynnville Seed Company (Riverside Varieties), Lynnville, IA 50153  
 McAllister Seed, P.O. Box 28, Mt. Pleasant, IA 52641

McCurdy Seed Company, Fremont, IA 52561  
 Mora-Soy Seeds, Dale Ewing, Jewell, IA 50130  
 North American Plant Breeders, R.R. 3, Ames, IA 50010  
 Northrup, King and Company, P.O. Box 49, Washington, IA 52353  
 Peterson Soybean Seed Division, Pioneer Hi-Bred International, Inc., P.O. Box 3146, Champaign, IL 61820  
 Pfizer Genetics, Box 99, Beaman, IA 50609  
 Pride Company, Inc., Glen Haven, WI 53801  
 Ring Around Products, Inc., P.O. Box 1629, Plainview, TX 79072  
 J.M. Schultz Seed Company, Dieterich, IL 62424  
 SeedKem, Inc., P.O. Box 3128, 526 N.W. 4th St., Evansville, IN 47701  
 Seedmakers, Inc., Princeville, IL 61559  
 Soybean Research Foundation, Inc., P.O. Box 72, Mason City, IL 62664  
 Stewart Hybrids, Inc., R.R. 1, Princeville, IL 61559  
 V.R. Seeds, Inc., Box M, Plymouth, IN 46563  
 Voris Seeds, Inc., Box 457, Windfall, IN 46076

## Seed Germinations

Company source	Brand (X), Variety (V), or Blend (B)	May, 1977 greenhouse germination (pct.)	May, 1977 field germination (pct.)	Company source	Brand (X), Variety (V), or Blend (B)	May, 1977 greenhouse germination (pct.)	May, 1977 field germination (pct.)
Ag Seeds	B7250 (B)	92	24	NAPB Agripro	20 (V)	88	41
Ag Seeds	B7460 (B)	94	35	NAPB Agripro	25 (V)	88	41
Americana	207 (V)	96	41	NAPB Agripro	27 (V)	89	45
Americana	210 (V)	92	72	NAPB Agripro	35 (V)	90	47
Americana	233 (V)	90	52	NAPB Agripro	36 (V)	90	48
Americana	230 (V)	94	32	NAPB Agripro	Exp. 418 (V)	88	38
Americana	233 (V)	88	68	Northrup King	101644 (V)	86	78
Americana	265 (V)	94	70	Northrup King	MV51 (B)	86	84
Americana	271 (V)	90	67	Northrup King	MV61 (B)	87	86
Americana	352 (V)	95	72	Northrup King	MV72 (B)	88	83
Americana	XK311 (V)	92	40	Northrup King	MV80 (B)	86	80
Americana	XK333 (V)	38	20	Northrup King	MV91 (B)	86	83
Americana	XK351 (V)	92	88	Northrup King	S1474 (V)	84	80
Americana	XK440 (V)	100	57	Northrup King	S1492 (V)	82	81
Americana	XK505 (V)	100	72	Northrup King	S1578 (V)	80	75
Americana	XK585 (V)	94	55	Peterson	105P (B)	81	80
Americana	XR70 (B)	94	45	Peterson	125 (B)	87	55
Americana	XR244 (B)	88	47	Peterson	2120-T (B)	82	54
Anderson	AP5200 (V)	100	44	Peterson	3100 (B)	86	57
Anderson	AP5300 (V)	100	60	Peterson	3105 (B)	86	76
Asgrow	A1584 (V)	100	68	Peterson	3125 (B)	86	58
Asgrow	A2440 (V)	96	64	Peterson	P2477 (V)	78	78
Asgrow	A2575 (V)	96	76	Peterson	P2877 (V)	80	76
Asgrow	A2556 (V)	92	83	Peterson	P3377 (B)	84	85
Asgrow	A2770 (V)	94	85	Pfizer	2ER-75 (B)	88	88
Asgrow	A3440 (B)	90	67	Pfizer	2L-76 (B)	88	88
Asgrow	A3585 (V)	100	81	Pfizer	9L-76 (B)	88	88
Asgrow	XP3127 (V)	100	85	Pfizer	CB 34-7 (B)	86	73
Asgrow	XP3247 (V)	100	80	Pfizer	CB 350 (B)	88	88
Asgrow	XP3855 (V)	100	80	Pfizer	CB 427 (B)	84	78
Asgrow	XP4136 (V)	94	78	Pfizer	CX 114 (V)	89	81
Asgrow	XP4768 (V)	100	85	Pfizer	CX 175 (V)	88	74
Bellatti	04 (V)	98	45	Pfizer	CX 235 (V)	87	73
Bellatti	09 (V)	98	63	Pfizer	CX 276 (V)	88	44
Bellatti	B1 (V)	98	73	Pfizer	CX 285 (V)	82	85
Bellatti	DL (V)	96	58	Pfizer	CX 280 (V)	87	86
Bellatti	D2 (V)	100	55	Pfizer	CX 350 (V)	88	88
Bellatti	L26-Exp. (V)	98	65	Pfizer	E 94-7 (V)	82	88
Bellatti	L263 (V)	100	34	Pfizer	E 414 (V)	87	78
Bellatti Seedmaker	1E (V)	94	46	Pride	B216 (V)	86	84
Bertram Taylor BTM	92 (V)	92	36	Pride	PK205 (B)	88	88
FFR	111 (V)	96	49	Pride	PK305 (B)	88	88
FFR	223 (V)	96	76	Pride	PK405 (B)	82	82
FFR	224 (V)	90	72	Ring Around	RA-31 (B)	84	79
FFR	336 (V)	98	60	Ring Around	RA-35 (V)	88	88
FFR	444 (V)	100	41	Ring Around	RA-41 (B)	88	75
FFR	556 (V)	98	78	Ring Around	RA-135(a)-2 (B)	88	88
FFR	2189 (V)	94	58	Riverside	74-57 (V)	88	88
FFR	4702 (V)	100	77	Riverside	74-123 (V)	88	88
FS Hiscy	215 (B)	96	58	Schultz	Mitchell (V)	88	88
FS Hiscy	225 (B)	94	50	Schultz	Havahoe (V)	78	78
FS Hiscy	298 (B)	100	54	Schultz	Shawnee (V)	88	88
FS Hiscy	330 (B)	100	62	Schultz	Washington IV (V)	88	88
FS Hiscy	340 (B)	94	53	Seedkem	SKB250 (B)	82	81
Ferry-Morse Goldtag	1220 (V)	91	65	Seedkem	SKB310 (V)	82	75
Ferry-Morse Goldtag	1250 (V)	86	73	Seedkem	SKB400 (V)	84	76
Ferry-Morse Goldtag	1270 (V)	100	60	Seedkem	SKB425 (B)	88	84
Ferry-Morse Goldtag	1310 (V)	90	75	Seedkem	SKB460 (V)	80	83
Ferry-Morse Goldtag	1330 (V)	92	84	Seedmaker	3-A (V)	86	81
Ferry-Morse Goldtag	1410 (V)	92	100	Seedmaker	3-G (V)	84	80
Ferry-Morse Goldtag	1420 (V)	90	76	Seedmaker	4-C (V)	80	78
Ferry-Morse McKoy	1100 (V)	96	70	Seedmaker	5-C (V)	88	88
Funk	12003 (V)	100	84	Seedmaker	5-E (V)	82	80
Funk	63122 (V)	88	84	Seedmaker	5-C (V)	84	88
Butweinf	210 (V)	94	91	Seedmaker	6-E (V)	84	88
Butweinf	220 (V)	94	75	Seedmaker	7-E (V)	88	88
Butweinf	330 (V)	98	86	Seedmaker	27091K (V)	88	87
Butweinf	360 (V)	96	87	Seedmaker	274211 (V)	88	88
Hoblit	2-8 (B)	94	8	Seedmaker	27091K (V)	88	88
Hoblit	2-5 (V)	92	43	Seedmaker	47093C (V)	84	73
Kruger	DS333A (XB)	100	74	Seedmaker	47093F (V)	88	88
Kruger	DS333R (XB)	98	66	SRF	70-10546 (V)	100	84
Kruger	DS707A (XB)	100	68	SRF	72-3176 (V)	100	88
Kruger	DS737 (XB)	98	66	SRF	72-3299 (V)	92	78
Kruger	DS747A (XB)	98	73	SRF	X73-89 (V)	82	88
Kruger	DS808E (XB)	96	74	Super-Soy	440 (B)	88	88
Kruger	DS850 (XB)	100	54	Super-Soy	450 (B)	88	88
Kruger	DS850 (XB)	86	60	Super-Soy	460 (B)	88	88
Kruger	K-464A (XV)	98	74	Super-Soy	470 (B)	88	73
Kruger	K1005 (XV)	96	43	Voris	B200 (B)	88	88
Kruger	K-2010 (XV)	98	70	Voris	B300 (B)	88	88
Kruger	K-3015 (XV)	94	70	Voris	B350 (B)	88	73
Landers	3510R (B)	98	51	Voris-Soy	245 (V)	84	81
Landers	Exp. 77-6102 (B)	94	78	Voris-Soy	255 (V)	88	88
Landers	Exp. 77-6303 (B)	92	69	Voris-Soy	405 (V)	88	88
Landers	Exp. 77-6315 (B)	96	77	Voris-Soy	465	84	87
Landers	Exp. 77-6503 (B)	96	67	V. R.	Allen (V)	80	88
Landers	Exp. 77-6712 (B)	94	81	V. R.	Classic I (V)	88	88
Lewis	78 (V)	94	69	V. R.	Classic II (V)	88	88
Lewis	98 (V)	94	62	V. R.	Delta (V)	88	88
Lewis	21 (V)	92	69	V. R.	Raft (V)	88	88
Lewis	31 (V)	80	87	Public varieties	Amsoy 71 (V)	88	88
Lewis	32 (V)	92	88	Public varieties	Beeson (V)	88	88
Lewis	41 (V)	92	67	Public varieties	Bonus (V)	100	88
Lewis	42 (V)	90	81	Public varieties	Columbus (V)	88	88
McAllister Masco	442 (B)	74	80	Public varieties	Corsoy (V)	88	88
McAllister Masco	1376 (V)	84	81	Public varieties	Custer (V)	100	88
McAllister Masco	4444A (B)	84	56	Public varieties	Elf (V)	88	88
McAllister Masco	SD77 (V)	82	60	Public varieties	Essex (V)	88	88
McCurdy	101+ (XB)	68	56	Public varieties	Forrest (V)	88	88
McCurdy	102 (XB)	84	76	Public varieties	Harcor (V)	88	88
McCurdy	103 (XB)	90	61	Public varieties	Hark (V)	88	88
McCurdy	108 (XB)	88	74	Public varieties	Iowa A74-30412 (V)	88	88
McCurdy	109+ (XB)	84	44	Public varieties	Iowa A74-30413 (V)	88	88
McCurdy	V500A (XB)	92	50	Public varieties	Kent (V)	88	88
Mora-Soy	55 (XB)	92	60	Public varieties	L-71 (V)	88	88
Mora-Soy	66 (XB)	94	50	Public varieties	Monna (V)	88	88
Mora-Soy	77 (XB)	98	50	Public varieties	Wayne (V)	88	88
Mora-Soy	88 (XB)	92	79	Public varieties	Willie (V)	88	88
Mora-Soy	98 (XB)	98	79	Public varieties	Williams (V)	88	88
Mora-Soy	98R (XB)	81	39	Public varieties	Wm-Ber (V)	88	88
NAPB Agripro	14 (B)	90	34				
NAPB Agripro	18 (B)	90	45				

NOTE: In above table "Super-Soy" should read "Stewart Supersoy."

# DeKalb Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP I										
Asgrow A1564	51.2	3.5	9/15	42	35.0	1.2	34			
FFR 111	48.9	3.9	9/24	45	29.8	1.4	36	52.2	3.0	42
Funk G-NAIRN	42.2	2.1	9/10	44						
Hark	50.6	1.1	9/24	43	36.7	1.3	36	48.1	1.2	46
Pfizer CX114	53.0	2.3	9/26	45	36.0	1.1	31	45.2	1.6	36
Pfizer CX175	56.3	1.4	10/1	45						
Seedmaker 3-A	48.8	3.4	9/25	49	39.8	1.4	38			
Mean	50.1	2.5		44	32.9	1.2	33	47.5	2.0	37
L.S.D. 10	3.3									
L.S.D. 30	2.0									
C.V.	5.3									
MATURITY GROUP II										
Americana A207	52.8	1.2	9/27	43						
Americana A210	57.8	2.5	9/29	45						
Americana A230	57.1	1.2	10/8	48						
Americana XK505	56.9	1.3	9/30	45	41.8	1.0	39	47.2	1.2	40
Americana XR244	56.2	3.8	9/29	46						
Amsoy '71	58.6	1.4	10/2	49	39.0	1.1	36	45.4	3.0	34
Asgrow A2440	57.1	3.9	9/30	46	43.0	1.0	38	49.6	2.2	34
Asgrow A2575	58.1	1.3	9/27	46						
Asgrow A2656	59.3	3.0	9/28	49	47.5	1.1	38	48.7	1.3	40
Beeson	56.5	2.6	10/1	47						
Corsoy	55.9	4.1	10/1	46	41.2	1.3	35	51.4	4.0	38
FFR 223	52.6	3.8	9/26	47	35.1	1.4	38			
FFR 224	51.9	3.7	10/3	41						
FFR 2189	51.4	1.8	(a)	45						
FS HISOY 215	53.2	2.6	9/30	48	42.5	1.3	37			
FS HISOY 225	59.0	1.3	9/30	47	41.5	1.4	36	45.8	3.0	36
Ferry-Morse Gold Tag 1220	55.5	1.1	9/26	45						
Ferry-Morse Gold Tag 1250	60.7	1.4	10/2	44						
Ferry-Morse McKoy 1100	52.3	2.0	9/30	46	38.0	1.1	38	51.1	3.0	40
Gutwein 210	58.4	2.6	10/4	47						
Gutwein 220	54.9	1.6	10/3	46	43.0	1.1	34			
Harcor	58.8	3.9	10/3	47						
Kruger Desoy 333A	59.7	4.0	9/30	46	37.8	1.2	35			
Kruger Desoy 333R	58.2	3.8	10/1	41						
Kruger Desoy 707A	57.5	2.0	9/30	46	40.4	1.0	32			
Kruger Desoy 737	57.2	1.2	10/3	44						
Kruger K-464A	56.2	2.0	9/26	45						
Kruger K-1005	54.7	1.1	9/27	46						
Landers Exp. 77-6102	60.5	2.6	9/31	45						
Landers Exp. 77-6303	56.6	4.5	9/26	43						
Landers Exp. 77-6503	57.9	2.4	9/31	45						
McCurdy 101+	54.7	2.2	9/30	46	38.7	1.0	38	48.0	1.3	38
McCurdy 102	55.5	1.6	9/28	44	36.0	1.0	36			
Mora-Soy 55	56.1	2.5	10/3	48						
Mora-Soy 88	55.0	1.8	10/1	44						
N.A.P.B. Agripro 14	53.6	2.8	9/20	41						
N.A.P.B. Agripro 18	54.8	3.3	9/28	42	37.3	1.0	36	48.5	1.1	40
N.A.P.B. Agripro 20	58.7	1.2	9/27	47	39.3	1.1	33			
Northrup-King S1578	56.3	2.8	9/29	43						
Northrup-King MV51	52.8	3.2	10/2	48	41.4	1.0	38	52.4	1.3	42
Northrup-King MV61	57.1	2.3	10/3	45	38.5	1.2	34			
Northrup-King S1474	59.6	4.8	10/4	44	39.4	1.2	35	47.6	3.5	40
Northrup-King S1492	61.6	1.3	9/30	43	41.9	1.1	34	55.2	1.1	30
Peterson 105-P	56.3	3.7	9/30	48	38.1	1.1	39	46.8	1.9	38
Peterson 3100	56.4	2.0	9/29	47	37.2	1.0	32	46.8	2.4	36
Peterson 3105	57.7	1.8	(a)	47	34.4	1.2	36	54.9	2.5	41
Peterson P2477	56.5	2.5	9/31	45						
Peterson P2877	56.5	2.1	10/4	46						
Pfizer 2ER-75	56.6	2.5	9/30	48	42.1	1.0	36	46.7	2.6	38
Pfizer 2L-76	57.6	1.3	10/3	46						
Pfizer CX215	57.9	2.3	10/6	46						
Pfizer CX276	55.3	2.7	9/31	45						
Pfizer CX285	53.7	1.7	10/5	44						

(a) Killed by frost.



# DeKalb Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Pfizer CX290 .....	56.7	1.2	10/3	43	38.3	1.0	35			
Pfizer E94-7 .....	55.4	1.4	10/2	45						
Pride B-216 .....	63.7	2.0	9/28	44	40.5	1.2	32	50.9	2.3	42
Pride PK205 .....	58.4	1.2	10/1	48						
Schultz Navahoe .....	54.0	1.4	9/26	43						
Schultz Shawnee .....	57.9	1.3	10/5	45	39.3	1.1	33			
Seedkem SKB250 .....	58.6	1.2	9/27	45						
Seedmaker 5-C .....	56.4	3.0	10/9	46	41.0	1.4	38	54.6	1.3	36
Seedmaker 6-C .....	50.1	1.6	9/27	48						
Seedmaker 27091K .....	53.1	1.2	9/29	50						
Seedmaker 27421I .....	55.2	4.6	9/22	46						
SRF 72-3176 .....	52.6	1.7	10/9	49						
Stewart Supersoy 440 .....	58.8	1.8	10/1	43						
Stewart Supersoy 450 .....	55.1	4.0	10/5	46						
Voris B200 .....	56.9	1.8	9/28	46	43.3	1.0	32	51.4	4.0	38
Voris-Soy 245 .....	56.7	4.2	9/31	46	39.2	1.0	37	58.1	4.5	36
Wells .....	54.6	1.1	9/25	45	40.1	1.0	35	46.1	1.1	34
Mean .....	56.4	2.2		45	38.5	1.1	36	47.5	2.0	37
L.S.D. 10 .....	3.5									
L.S.D. 30 .....	2.2									
C.V. ....	5.3									

## MATURITY GROUP III

Americana XK585 .....	59.0	2.6	(a)	45	36.0	1.2	40			
Elf .....	51.8	1.1	(a)	37						
L-21 .....	52.1	2.8	(a)	46						
Pride PK305 .....	55.6	1.5	10/2	41						
Seedkem SKB310 .....	59.6	1.3	(a)	44						
SRF 72-3299 .....	57.4	1.3	(a)	44						
Williams .....	50.2	1.1	(a)	44	29.2	1.2	40	52.1	1.1	44
Woodworth .....	55.7	1.2	(a)	42	31.8	1.3	36	51.5	1.5	42
Mean .....	55.2	1.6		43	36.8	1.1	37	47.5	2.0	37
L.S.D. 10 .....	2.1									
L.S.D. 30 .....	1.3									
C.V. ....	3.1									

(a) Killed by frost.

# Elwood Soybean Variety Trial Results

Brand and entry	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Brand and entry	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)
MATURITY GROUP I					MATURITY GROUP III				
Hark .....	40.0	1.2	9/24	40	Elf .....	49.0	1.1	(a)	27
MATURITY GROUP II					Iowa A74-303012 .....	38.9	1.7	10/2	41
Amsoy '71 .....	39.5	1.7	9/28	46	Iowa A74-303013 .....	42.5	1.6	10/8	42
Beeson .....	39.2	1.4	9/27	43	L-21 .....	43.4	2.2	10/10	48
Corsoy .....	36.5	2.3	9/27	42	Wayne .....	36.3	1.5	10/6	45
Harcor .....	38.3	2.5	9/27	46	Williams .....	41.1	1.4	10/8	45
Wells .....	44.9	1.1	9/25	42	Woodworth .....	40.0	2.0	10/8	44
					Grand mean .....	40.1	1.6		43
					L.S.D. 10 .....	3.2			
					L.S.D. 30 .....	2.0			
					C.V. ....	6.5			

(a) Killed by frost.

# Macomb-Carthage Soybean Variety Trial Results

Brand and entry	1977 results				1976 results		
	Yield (bu.)	Lodging score	Maturity date (a)	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
MATURITY GROUP I							
Pfizer CX114 .....	42.5	3.1	...	32			
Pfizer CX175 .....	37.4	4.0	...	31			
MATURITY GROUP II							
Ag-Seeds B7250 .....	52.4	1.5	...	42	43.5	2.3	39
Americana XK505 .....	48.2	3.5	...	35	41.5	1.2	40
Amsoy '71 .....	49.7	1.6	...	38	47.2	1.2	42
Anderson APS200 .....	45.8	2.1	...	35			
Asgrow A2440 .....	43.8	3.8	...	34			
Asgrow A2575 .....	50.2	1.2	...	34			
Asgrow A2656 .....	45.4	3.2	...	34	41.2	1.1	37
Beeson .....	49.3	1.4	...	36	49.4	1.2	36
FFR 223 .....	43.3	3.7	...	34	42.1	1.8	40
FFR 224 .....	49.4	2.7	...	30			
F.S. HiSoy 225 .....	42.6	2.7	...	35	47.6	1.9	41
F.S. HiSoy 295 .....	47.5	1.8	...	40	45.9	1.9	40
Ferry-Morse Gold Tag 1250 .....	54.9	1.3	...	34			
Ferry-Morse Gold Tag 1270 .....	54.2	1.1	...	38			
Ferry-Morse McKoy 1100 .....	49.3	1.8	...	35	45.5	1.2	43
Harcor .....	45.9	2.3	...	36			
Hoblitt 2-4 .....	48.4	1.3	...	42	45.7	1.5	38
Hoblitt 2-5 .....	51.2	3.0	...	41			
Kruger DeSoy 737 .....	48.8	1.6	...	38			
Kruger DeSoy 747A .....	41.9	3.0	...	36	47.1	1.1	39
Kruger K-464A .....	51.1	4.2	...	36			
Kruger K-2010 .....	49.9	1.2	...	38			
Kruger K-3015 .....	54.4	1.2	...	38			
Lewis 21 .....	50.4	1.9	...	37	47.1	2.2	38
McCurdy 101+ .....	41.0	4.0	...	35	43.3	1.9	40
Mora-Soy 66 .....	46.5	1.7	...	33			
Mora-Soy 77 .....	46.1	3.7	...	37			
N.A.P.B. Agripro 20 .....	51.7	1.1	...	36	39.9	1.2	36
Northrup-King MV61 .....	49.4	2.3	...	35			
Northrup-King S1492 .....	53.1	2.0	...	32			
Northrup-King S1578 .....	47.5	4.0	...	34			
Peterson P2477 .....	42.9	1.7	...	35			
Peterson P2877 .....	43.4	3.0	...	34			
Pfizer 2ER-75 .....	42.1	3.6	...	35			
Pfizer 2L-76 .....	47.3	2.3	...	37			
Pfizer CX215 .....	52.1	1.5	...	39			
Pfizer CX276 .....	48.2	2.1	...	41			
Pfizer CX285 .....	49.7	1.3	...	40			
Pfizer CX290 .....	56.4	1.2	...	39			
Pfizer E94-7 .....	43.9	3.2	...	36			
Seedmakers 5-C .....	43.4	3.9	...	32	45.7	1.7	39
Seedmakers 6-C .....	46.6	1.7	...	41			
SRF 72-3176 .....	51.0	3.7	...	40			
Wells .....	47.2	1.3	...	34	43.8	1.0	39
Mean (Groups I and II) .....	47.8	2.4		36	43.7	1.6	39
L.S.D. 10 (Groups I and II) .....	6.2						
L.S.D. 30 (Groups I and II) .....	3.9						
C.V. (Groups I and II) .....	9.6						
MATURITY GROUP III							
Americana A265 .....	46.5	1.8	...	39			
Americana A271 .....	54.7	2.6	...	44			
Americana A352 .....	55.7	1.4	...	35	51.4	1.2	39
Americana XK333 .....	46.0	1.8	...	49			
Americana XK585 .....	50.2	1.3	...	39	45.3	1.3	41
Anderson APS300 .....	51.1	1.3	...	41			
Asgrow A3440 .....	52.3	3.2	...	43	43.6	1.1	41
Asgrow A3585 .....	54.4	1.4	...	38			
Bellatti B-1 Exp. ....	45.3	1.3	...	46			
Bellatti Seedmaker 1-E .....	50.2	3.2	...	41			

(a) Maturity data not available.

# Macomb-Carthage Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1978 results		
	Yield (bu.)	Lodging score	Maturity date (a)	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
FFR 336 .....	43.8	2.1	...	30			
FS HiSOY 330 .....	50.1	1.6	...	40	43.7	1.7	41
FS HiSOY 340 .....	50.5	1.4	...	40	46.7	1.3	43
Ferry-Morse Gold Tag 1310 .....	53.6	1.5	...	39			
Ferry-Morse Gold Tag 1330 .....	52.6	3.1	...	45			
Funks G-3340 .....	55.4	1.9	...	36			
Kruger DeSoy 850 .....	54.0	1.4	...	39	49.7	1.2	42
Kruger DeSoy 950 .....	49.7	1.4	...	40			
Lewis 31 .....	54.2	1.4	...	50	49.0	2.0	41
Lewis 32 .....	53.6	1.3	...	42			
McAllister Masco-422 .....	52.2	1.2	...	41	49.6	1.2	40
McAllister Masco-1976 .....	50.1	1.4	...	40			
McAllister Masco-4444 .....	53.3	1.3	...	41			
McAllister Masco-SD77 .....	44.6	1.2	...	26			
McCurdy 109+ .....	51.4	1.4	...	42	44.6	1.3	41
Mora-Soy 98 .....	52.3	1.3	...	41			
N.A.P.B. Agripro 25 .....	48.8	1.3	...	37	40.0	1.3	40
N.A.P.B. Agripro 27 .....	52.1	1.4	...	39	40.0	1.8	38
N.A.P.B. Agripro 35 .....	48.8	1.5	...	42	43.3	1.4	42
N.A.P.B. Agripro 36 .....	50.7	1.3	...	42			
Northrup-King MV72 .....	51.8	1.4	...	40	48.7	1.2	39
Peterson 2120-T .....	50.4	1.3	...	42	44.9	2.3	41
Peterson 3125 .....	52.6	1.4	...	45	46.3	3.1	42
Peterson P3377 .....	44.9	2.0	...	40			
Pride PK305 .....	46.0	2.0	...	36			
Riverside 74-123 .....	45.9	2.2	...	42			
Seedkem SKB310 .....	51.8	1.4	...	35			
Seedmakers 5-E .....	50.3	1.3	...	43	43.8	1.1	36
Seedmakers 6-E .....	47.8	2.8	...	41			
Seedmakers 7-E .....	51.7	1.2	...	45			
SRF 72-3299 .....	52.2	1.4	...	39			
Williams .....	49.6	1.2	...	41	46.6	1.6	42
Woodworth .....	52.8	1.2	...	40	45.5	1.7	41

## MATURITY GROUP IV

Ag-Seeds B7460 .....	50.2	1.2	...	50	53.9	2.0	48
L-21 .....	50.7	2.1	...	45			
Lewis 7B .....	57.2	1.4	...	44			
Lewis 41 .....	47.7	2.4	...	41	47.0	1.3	48
Lewis 42 .....	45.7	3.2	...	43			
Pride PK405 .....	48.0	1.8	...	40			
Means (Groups III and IV) .....	50.5	1.7		41	45.8	1.7	41
L.S.D. 10 (Groups III and IV) .....	6.5						
L.S.D. 30 (Groups III and IV) .....	4.1						
C.V. (Groups III and IV) .....	9.6						

(a) Maturity data not available.

# Urbana Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP I										
Pfizer CX114 .....	65.0	2.7	9/18	44						
Pfizer CX175 .....	60.4	3.3	9/21	44						
MATURITY GROUP II										
Ag-Seeds B7250 .....	64.4	1.7	9/24	54						
Americana A223 .....	64.8	1.0	9/22	37						
Americana A233 .....	63.9	1.7	9/22	47						
Americana XR505 .....	58.8	2.9	9/23	45	46.7	1.3	44	53.1	1.7	38

# Urbana Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
Amsoy '71	68.1	3.4	9/21	48	43.7	1.7	44	53.5	2.0	45
Andersons APS200	62.3	1.2	9/22	45	53.0	1.7	42			
Asgrow A2575	63.1	1.1	9/19	43						
Asgrow A2656	63.1	1.2	9/21	48	48.1	1.5	43	48.5	2.0	42
Asgrow A2770	63.4	2.2	9/22	50	50.4	2.0	44	56.7	1.7	44
Beeson	61.4	1.3	9/18	43	48.0	2.5	44			
FFR 223	60.1	3.8	9/20	48						
FFR 224	61.0	2.8	9/27	38						
FFR 2189	70.8	1.2	9/28	49						
FS HiSOY 225	65.3	2.1	9/22	44	47.2	2.0	43			
FS HiSOY 295	59.6	1.2	9/24	46	51.1	1.7	44			
Ferry-Morse Gold Tag 1250	66.7	1.6	9/21	44						
Ferry-Morse Gold Tag 1270	67.6	1.1	9/24	45						
Ferry-Morse McKay 1100	63.7	1.4	9/19	48	47.4	1.3	44	52.3	1.8	48
Gutwein 220	59.7	2.1	9/25	47						
Harcor	67.2	3.0	9/20	47						
Hoblitt 2-4	60.7	2.8	9/24	47	45.8	1.7	43			
Hoblitt 2-5	59.4	2.6	9/25	49	50.9	1.2	44	62.2	1.7	46
Kruger DeSoy 707A	66.3	1.3	9/19	46	49.2	1.3	40			
Kruger DeSoy 737	60.8	1.2	9/24	45	49.8	1.7	40			
Kruger K-464A	64.5	1.4	9/20	44						
Kruger K-2010	62.8	1.1	9/15	44						
Landers Exp. 77-6102	60.3	2.3	9/16	47						
Landers Exp. 77-6303	66.6	1.6	9/21	47						
Landers Exp. 77-6503	64.3	1.6	9/16	43						
Lewis 21	69.4	1.2	9/28	46	48.3	1.9	43			
McCurdy 101+	64.2	1.4	9/21	45	49.9	1.7	42	57.4	2.0	40
McCurdy 103	60.1	1.3	9/18	45	42.8	1.3	40			
Mora-Soy 88	60.0	1.9	9/20	46						
N.A.P.B. Agripro 18	61.8	3.0	9/20	43						
N.A.P.B. Agripro 20	63.5	1.1	9/23	48	51.3	1.3	43	60.3	1.8	38
Peterson 3100	61.6	2.0	9/19	43						
Peterson 3105	63.4	1.3	9/23	50	47.2	1.9	45	58.2	3.0	43
Peterson P2477	67.0	1.2	9/19	46						
Peterson P2877	62.8	2.3	9/23	46						
Pfizer 2ER-75	64.9	2.2	9/18	48	48.7	1.5	43	55.6	2.7	45
Pfizer 2L-76	60.7	1.5	9/23	43	39.5	1.8	43			
Pfizer CX215	65.8	2.0	9/25	48	46.2	1.5	44	56.4	2.7	45
Pfizer CX276	64.3	1.5	9/21	47						
Pfizer CX285	62.9	1.4	9/25	46						
Pfizer CX290	62.8	1.1	9/22	48	47.4	1.5	44	52.4	2.5	42
Pfizer E94-7	67.2	1.2	9/21	44						
Schultz Navahoe	60.2	1.0	9/16	44						
Schultz Shawnee	68.2	2.3	9/24	43	50.7	2.0	43			
Seedkem SKB250	60.8	1.2	9/21	47						
Seedmakers 5-C	57.3	3.2	9/21	42	45.2	3.3	44	51.7	3.0	39
Seedmakers 6-C	56.2	1.3	9/18	51	45.7	1.3	44			
SRF 72-3176	65.9	3.1	9/25	50						
Stewart Supersoy 450	59.8	3.4	9/22	46						
Stewart Supersoy 460	65.5	2.0	9/24	47						
Stewart Supersoy 470	64.8	1.2	9/27	46						
V.R. Classic I	72.0	1.4	9/25	45	47.3	1.9	40			
Voris-Soy 295	64.0	2.3	9/27	50	47.8	1.9	45			
Wells	61.0	1.1	9/17	44						
Grand Mean (Groups I and II)	63.4	1.8		46	43.3	1.8	47	53.8	2.5	43
L.S.D. 10 (Groups I and II)	6.6			3.2						
L.S.D. 30 (Groups I and II)	4.2			2.0						
G.V. (Groups I and II)	8.9			6.1						
MATURITY GROUP III										
Americana A265	60.8	1.8	9/25	47	49.9	2.5	44			
Americana XK311	57.9	1.7	9/30	47						
Americana XK585	61.7	2.0	9/26	47	44.0	1.9	43	56.7	3.0	48
Andersons APS300	59.7	1.3	9/28	50	46.2	2.7	44			
Asgrow A3440	66.3	1.2	9/29	51	45.4	1.9	45	54.9	1.3	47
Asgrow A3585	59.0	1.1	9/30	46	48.3	1.3	45			
Bellatti B-1-Exp.	56.9	2.7	10/8	54						

# Urbana Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Bellatti L-26-Exp. ....	51.8	2.3	10/4	49						
Bellatti L263 .....	52.5	1.8	10/4	52						
Bellatti Seedmaker 1-E .....	57.2	4.0	9/28	52	46.8	3.5	47	51.9	4.7	50
FFR 336 .....	56.8	2.0	9/26	41						
FS HISOY 340 .....	71.9	1.1	9/30	48	47.3	1.3	43			
Ferry-Morse Gold Tag 1310 .....	63.6	2.2	9/29	47						
Ferry-Morse Gold Tag 1330 .....	63.1	1.9	9/29	59						
Funk G-3340 .....	67.4	1.3	9/27	43						
Gutwein 330 .....	57.0	2.5	9/30	53						
Gutwein 360 .....	60.5	1.7	10/1	47						
Kruger DeSoy 808E .....	61.5	1.9	9/27	47						
Kruger DeSoy 850 .....	70.8	1.6	9/28	47						
Kruger K-3015 .....	64.5	1.7	9/27	47						
Landers 3510R .....	59.2	1.3	9/29	50						
Landers Exp. 77-6712 .....	62.0	2.2	10/4	51						
Lewis 31 .....	63.4	2.3	9/26	57	46.3	2.2	51			
Lewis 32 .....	70.6	2.0	9/28	51						
McAllister Masco-422 .....	63.1	1.7	9/29	49						
McAllister Masco-1976 .....	51.3	1.7	9/26	46						
McAllister Masco-4444 .....	64.6	1.6	9/30	47						
McAllister Masco-SD77 .....	56.3	1.4	9/29	32						
McCurdy 108 .....	56.8	1.8	9/27	45	40.6	2.1	41			
McCurdy 109+ .....	60.9	2.5	10/1	49	42.1	2.4	45			
Mora-Soy 98R .....	57.9	1.8	9/28	45						
N.A.P.B. Agripro 25 .....	62.1	1.2	9/24	49	48.4	1.9	42	56.6	1.4	46
Northrup-King 101644 .....	58.6	3.7	10/4	49						
Northrup-King MV72 .....	58.6	1.9	9/29	46	45.2	2.0	41			
Northrup-King MV80 .....	68.1	1.7	9/28	44	40.1	1.2	42	55.9	2.5	42
Peterson 2120-T .....	60.3	1.2	9/30	46	43.2	2.0	47	59.9	4.0	43
Pride PK305 .....	54.6	3.3	9/23	49						
Riverside 74-123 .....	62.5	1.3	9/25	51						
Seedkem SKB310 .....	55.6	2.2	9/27	45						
Seedkem SKB400 .....	66.4	2.8	9/30	48						
Seedmakers 5-E .....	53.2	2.5	9/26	48						
Seedmakers 7-E .....	56.8	1.7	10/7	54						
Seedmakers 37091K .....	65.9	1.2	9/25	53						
SRF 72-3299 .....	63.9	3.2	9/29	47						
V.R. Allen .....	58.0	1.9	9/27	52						
V.R. Boss .....	53.6	2.0	9/26	45	43.9	2.0	41			
V.R. Classic II .....	61.9	2.0	10/4	54	42.6	2.0	48	55.8	2.0	51
Voris B300 .....	66.1	1.6	9/27	48						
Voris B350 .....	63.1	1.2	10/1	47	42.1	1.6	46			
Williams .....	57.3	1.2	9/30	48	38.6	2.3	46	59.6	1.7	44
Woodworth .....	55.6	1.7	9/26	47	42.7	2.1	43	54.6	1.5	46
MATURITY GROUP IV										
Ag-Seeds B7460 .....	60.3	2.2	10/7	56						
Bellatti D-1-Exp. ....	51.9	3.2	(a)	40						
Bellatti D-2-Exp. ....	51.6	4.2	10/11	43						
FFR 444 .....	59.5	2.0	10/3	50	41.5	2.2	48			
L-21 .....	64.3	2.2	10/4	54						
Landers Exp. 77-6315 .....	60.6	2.7	10/7	50						
Lewis 7B .....	64.5	2.8	10/12	50						
Lewis 41 .....	54.5	3.4	10/4	45	45.3	1.5	47			
Lewis 42 .....	73.8	2.2	9/30	54						
Northrup-King MV91 .....	64.0	1.8	10/5	50						
Pride PK405 .....	62.0	2.3	9/26	46						
Grand Mean (Groups III and IV) ....	60.6	2.0		49	45.0	2.1	43	53.8	2.5	43
L.S.D. 10 (Groups III and IV) ....	9.4									
L.S.D. 30 (Groups III and IV) ....	5.9									
C.V. (Groups III and IV) .....	11.4									

(a) Killed by frost.



# Brownstown Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	(a) Height (in.)
MATURITY GROUP II										
Pfizer 2L-76 .....	48.4	3.9	9/8	45						
Pfizer E94-7 .....	41.3	1.3	9/6	40						
Pfizer CX215 .....	46.0	3.1	9/12	40						
Pfizer CX276 .....	47.1	3.2	9/10	50						
Pfizer CX285 .....	50.8	2.6	9/15	41						
Pfizer CX290 .....	47.0	1.0	9/10	40						
Peterson 3105 .....	49.6	2.7	9/13	44						
Voris-Soy 295 .....	57.0	2.8	9/22	47						
Mean .....	48.4	2.6		43						
L.S.D. 10 .....	5.3									
L.S.D. 30 .....	3.2									
C.V. ....	9.0									
MATURITY GROUP III										
Americana A352 .....	57.1	1.1	9/27	36	36.1	1.0	21			
Asgrow A3440 .....	50.8	1.3	9/28	42	26.7	1.0	28			
Asgrow A3585 .....	48.3	1.3	9/17	35	30.7	1.0	22			
Asgrow XP3127 .....	62.4	1.0	9/22	36						
Asgrow XP3855 .....	60.6	1.2	9/23	37						
Bellatti Seedmaker 1-E .....	51.3	3.3	9/28	45	29.9	1.0	24	37.3	1.0	...
Bergmann-Taylor BTP33 .....	52.4	1.3	9/17	41						
ELF .....	51.5	1.0	10/2	23						
FFR 336 .....	45.2	2.2	9/26	37						
FS HiSOY 330 .....	49.9	1.3	9/20	40						
FS HiSOY 340 .....	55.6	1.2	9/21	41	36.7	1.0	20			
Funks G-3340 .....	48.1	1.4	9/15	39						
Landers 3510R .....	53.8	1.4	9/28	41						
Landers Exp. 77-6712 .....	51.0	2.1	10/3	45						
McCurdy X500A .....	50.1	2.0	9/21	40	29.0	1.0	23			
N.A.P.B. Agripro 25 .....	47.8	1.3	9/15	41						
N.A.P.B. Agripro 27 .....	52.4	1.4	9/24	35						
N.A.P.B. Agripro 35 .....	50.2	1.4	9/26	43						
N.A.P.B. Agripro 36 .....	49.0	1.4	9/27	39						
Northrup-King 101644 .....	57.4	1.4	9/30	41						
Northrup-King MV80 .....	56.9	1.3	9/26	40	27.6	1.1	24	37.4	1.2	...
Peterson 2120-T .....	54.7	1.3	9/26	40						
Peterson 3125 .....	54.2	1.2	9/28	42	31.1	1.0	26	43.4	1.2	...
Peterson P3377 .....	50.6	1.1	9/15	45						
Pfizer 9L-75 .....	52.7	1.3	9/17	42						
Pfizer CB347 .....	55.2	1.7	9/27	45						
Pfizer CB390 .....	54.2	1.2	9/28	43						
Pfizer CX350 .....	53.2	1.4	9/24	45						
Ring Around RA-31 .....	50.6	2.2	9/27	43						
Schultz Washington IV .....	51.2	1.4	9/28	46						
Seedkem SKB400 .....	56.0	1.5	9/22	44						
V.R. Classic II .....	52.9	2.3	9/29	43						
Voris B350 .....	52.1	1.1	9/30	40	33.3	1.0	29			
Williams .....	56.7	1.1	9/26	39	39.1	1.0	24	39.4	1.1	...
Woodworth .....	54.3	1.1	9/24	39	31.3	1.0	21	37.8	1.1	...
Mean .....	52.8	1.5		40	30.9	1.0	22	41.8	1.4	...
L.S.D. 10 .....	4.8									
L.S.D. 30 .....	3.0									
C.V. ....	7.7									
MATURITY GROUP IV										
Americana XK351 .....	57.0	1.4	9/28	48	30.5	1.0	24			
Americana XK440 .....	57.2	1.2	9/28	42						
Americana XR70 .....	53.1	1.4	9/29	43	32.0	1.0	25	40.9	1.0	...
Asgrow XP4268 .....	60.0	1.2	9/27	37						
Bellatti 04 .....	50.7	1.5	9/26	40	39.5	1.0	27			
Bellatti 09 .....	47.8	2.3	9/31	42	35.1	1.0	26			
Bonus .....	55.8	1.1	9/28	45	40.9	1.0	29			
Custer .....	46.5	2.0	10/7	50						

(a) Data not available.

# Brownstown Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	(a) Height (in.)
FFR 444 .....	48.2	1.2	9/23	43	32.9	1.0	28			
Kent .....	56.7	1.3	10/11	42	35.3	1.0	26			
L-21 .....	51.7	1.7	10/1	46						
Landers Exp. 77-6315 .....	55.5	1.2	9/30	38						
Lewis 9B .....	54.1	1.2	9/24	39						
N.A.P.B. EX418 .....	60.3	1.6	10/11	49						
Northrup-King MV91 .....	53.4	1.2	9/29	43						
Pfizer E414 .....	56.3	1.1	9/27	38						
Pomona .....	55.3	1.3	10/3	42	44.8	1.0	25			
Riverside 74-57 .....	59.5	1.1	9/28	46						
Schultz Mitchell .....	59.9	1.3	10/3	44	44.3	1.0	29			
Seedkem SK8435 .....	53.0	1.4	9/26	42						
SRF 70-10546 .....	52.3	1.1	9/17	32						
V.R. Delta .....	54.8	1.4	10/3	50						
V.R. Raft .....	51.4	1.3	9/29	38						
Voris Soy 405 .....	54.7	1.3	9/22	45	40.8	1.0	30	48.7	1.6	...
Voris Soy 465 .....	56.3	1.2	9/29	45	37.5	1.0	28			
Mean .....	54.6	1.4		42	38.1	1.0	28	41.8	1.4	...
L.S.D. 10 .....	5.1									
L.S.D. 30 .....	3.2									
C.V. ....	7.8									

(a) Data not available.

## Belleville Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP II										
Pfizer 2L-76 .....	56.7	4.0	9/17	46						
Pfizer CX215 .....	50.9	4.0	9/24	50						
Pfizer CX276 .....	48.7	4.2	9/15	50						
Pfizer CX285 .....	44.9	4.0	9/24	49						
Pfizer CX290 .....	57.2	3.0	9/18	48						
Pfizer E94-7 .....	54.6	3.0	9/17	46						
Mean .....	52.2	3.7		48						
L.S.D. 10 .....	5.3									
L.S.D. 30 .....	3.2									
C.V. ....	6.8									
MATURITY GROUP III										
Asgrow XP3127 .....	55.4	2.0	9/22	42						
Asgrow XP3247 .....	58.7	2.5	9/26	47						
Asgrow XP3855 .....	58.3	4.0	9/27	44						
Bellatti L26-Exp. ....	47.7	3.0	9/28	49						
Bellatti Seedmaker 1-E .....	48.0	4.9	9/24	55						
Bergmann-Taylor BRXP33 .....	51.3	4.1	9/26	47						
ELF .....	57.1	1.5	9/28	24						
FFR 4202 .....	47.6	3.7	10/2	53						
FS HISOY 340 .....	56.4	3.9	9/26	50	42.4	1.0	36			
Funks G-3340 .....	55.9	4.2	9/24	51						
Landers 3510R .....	58.8	4.2	9/27	46						
Landers Exp. 77-6712 .....	51.3	4.0	9/24	51						
N.A.P.B. Agripro 27 .....	55.2	4.2	9/24	47						
N.A.P.B. Agripro 35 .....	52.5	4.0	9/26	49						
N.A.P.B. Agripro 36 .....	53.0	3.0	9/27	46						
Northrup-King 101644 .....	56.8	4.0	9/26	49						
Northrup-King MV80 .....	55.4	3.0	9/26	47	41.8	1.0	34	61.9	1.4	44

# Belleville Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Peterson 125 .....	55.2	2.4	9/27	52	48.5	1.1	36	61.1	2.0	52
Peterson 2120-T .....	52.9	3.0	9/25	47						
Peterson 3125 .....	53.8	3.4	9/26	50	47.1	1.0	38	68.0	1.3	51
Pfizer 9L-75 .....	54.8	4.0	9/26	49						
Pfizer CB347 .....	53.6	3.3	9/26	49						
Pfizer CB390 .....	51.7	3.0	9/26	51						
Pfizer CX350 .....	54.6	3.0	9/20	51						
Schultz Washington IV .....	49.1	2.0	9/23	54						
Seedmaker 7-E .....	52.8	2.5	9/28	59						
Williams .....	58.7	3.0	9/25	49	48.1	1.0	35	84.3	1.2	42
Woodworth .....	54.8	3.6	9/24	46	47.2	1.0	36			
Mean .....	54.0	3.3		48	43.6	1.1	35	65.4	2.0	48
L.S.D. 10 .....	4.1									
L.S.D. 30 .....	2.6									
C.V. ....	6.4									
MATURITY GROUP IV										
Asgrow XP4136 .....	60.8	4.1	9/27	51						
Asgrow XP4268 .....	56.8	2.4	9/29	44						
Bonus .....	55.5	3.4	9/29	54	48.8	1.0	36			
FFR 444 .....	47.5	4.5	9/29	49	41.7	1.5	38	63.1	2.4	48
Kent .....	56.7	2.4	10/11	50	47.7	1.3	47	61.6	1.4	46
L-21 .....	57.1	4.1	9/25	57						
Landers Exp. 77-6315 .....	55.7	3.0	10/2	50						
Lewis 9B .....	59.2	2.9	10/1	45						
N.A.P.B. EX418 .....	60.0	4.4	10/11	56	53.3	1.2	40			
Northrup-King MW91 .....	54.0	4.6	9/26	52						
Pfizer E414 .....	56.6	4.3	9/27	48						
Pomona .....	53.1	2.1	10/4	52	51.1	1.2	43			
Riverside 74-57 .....	54.1	4.7	9/30	56						
Schultz Mitchell .....	55.7	4.0	10/4	51	55.1	1.0	36	62.3	1.1	42
Seedmaker 3-C .....	57.0	4.3	9/27	60	34.7	1.0	38	73.9	3.0	51
Seedmaker 4-G .....	59.5	3.8	9/30	61	45.4	1.0	37			
Seedmaker 47093C .....	47.9	2.5	9/23	55						
Seedmaker 47093F .....	47.1	4.4	9/27	56						
SRF 70-10546 .....	51.9	1.0	9/20	38						
Voris-Soy 405 .....	53.5	4.0	9/29	58						
Mean .....	55.0	3.5		52	43.1	1.4	41	65.4	2.0	48
L.S.D. 10 .....	5.1									
L.S.D. 30 .....	3.2									
C.V. ....	7.8									

## Carbondale Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP III										
ELF .....	30.3	1.0	9/26	17						
FFR 4202 .....	44.2	1.1	9/26	44						
Funks G-3340 .....	42.0	1.0	9/26	36						
N.A.P.B. Agripro 35 .....	42.2	1.3	9/26	39						
Peterson 125 .....	44.5	2.0	9/26	44						
Peterson 2120-T .....	46.1	1.0	9/26	37						
Peterson 3125 .....	46.5	1.2	9/26	39	47.0	1.2	44	83.6	2.5	42
Pfizer 9L-75 .....	44.4	1.1	9/26	41						
Pfizer CB347 .....	49.5	1.3	9/26	42						
Pfizer CB390 .....	43.1	1.0	9/26	39						
Pfizer CX350 .....	44.6	1.7	9/26	42						
Schultz Washington IV .....	42.8	1.0	9/26	44						
Williams .....	42.4	1.0	9/26	38	51.3	1.4	38	79.9	2.0	38

# Carbondale Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Mean	43.3	1.2		38	46.5	1.4	38	74.5	2.2	39
L.S.D. 10	5.4									
L.S.D. 30	3.4									
C.V.	10.4									
MATURITY GROUP IV										
Bonus	47.6	1.1	9/26	46	47.4	1.1	43	78.0	1.2	42
FFR 444	37.3	1.0	9/26	43	46.1	2.5	40	79.1	3.9	42
Ferry-Morse Gold Tag 1410	48.8	1.3	9/26	40						
Ferry-Morse Gold Tag 1420	46.4	1.4	9/26	43						
Kent	45.6	1.5	10/3	45	49.3	1.3	42	76.6	2.0	44
Lewis 7B	43.4	1.0	9/26	45						
N.A.P.B. Ex. 418	44.3	2.8	9/27	48	56.0	1.3	40			
Pfizer CB427	38.0	1.2	9/26	44						
Pfizer E414	51.0	1.2	9/26	42						
Pomona	48.9	1.3	9/27	43	48.6	1.2	40	70.2	1.2	35
Ring Around RA(c)36	41.3	3.2	10/3	45						
Ring Around RA-41	44.0	3.0	10/3	45	49.3	1.4	42			
Ring Around RA-135(a)-2	43.3	2.6	10/3	48						
Schultz Mitchell	45.7	2.7	9/26	44	54.8	2.0	46	82.0	1.3	34
Seedkem SKB435	43.8	2.7	9/26	43						
Seedkem SKB460	47.4	4.0	9/26	44						
SRF 70-10546	43.2	1.0	9/26	34						
SRF X73-89	46.0	1.3	10/3	47						
Mean	44.8	1.8		44	48.1	1.7	42	74.5	2.2	39
L.S.D. 10	5.4									
L.S.D. 30	3.4									
C.V.	10.2									
MATURITY GROUP V										
Essex	49.1	1.3	10/24	36	56.1	1.1	46	73.6	1.2	36
FFR 556	29.0	2.0	10/24	58	51.1	1.3	49			
Forrest	37.5	2.0	10/11	44	52.6	1.4	42	64.0	3.0	40
Mean	38.5	1.8		46	49.2	1.2	42	74.5	2.2	39
L.S.D. 10	4.2									
L.S.D. 30	2.4									
C.V.	7.9									

## Dixon Springs Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP III										
Bellatti L26 Exp.	27.4	4.7	9/27	45						
Bellatti L263	31.4	4.0	9/27	48						
Bellatti Seedmaker 1-E	31.7(a)	4.7	9/27	51	45.5	3.5	38	58.3	4.7	40
ELF	40.1	1.0	9/27	22						
FFR 4202	33.8(a)	2.8	10/4	50						
Funks G-3340	34.9	4.0	9/27	44						
N.A.P.B. Agripro 35	34.6(a)	4.8	9/27	44						
Pfizer 9L-75	34.5(a)	4.0	9/27	44						
Pfizer CB347	36.2(a)	3.5	9/20	47						
Pfizer CB390	37.6(a)	3.8	9/27	47						
Pfizer CX350	33.1(a)	3.6	9/20	48						
Ring Around RA(c)36	32.2(a)	4.6	10/11	47						
Schultz Washington IV	37.3	2.7	9/27	55						
Williams	39.3(a)	4.9	9/20	44	48.4	1.1	38	59.7	3.0	30
Woodworth	32.8	4.7	9/20	43	46.6	1.0	33	56.5	3.5	32

(a) Substantial shattering before harvest.

# Dixon Springs Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Mean .....	34.5	3.8		45	48.0	1.7	39	60.4	3.6	38
L.S.D. 10 .....	5.4									
L.S.D. 30 .....	3.4									
C.V. ....	13.1									
MATURITY GROUP IV										
Bellatti 04 Exp. ....	32.8	1.2	9/20	45						
Bellatti D1 Exp. ....	37.4	4.1	9/27	40						
Bellatti D2 Exp. ....	35.8	3.6	9/27	45						
Bonus .....	30.3	4.0	9/27	47						
Columbus .....	39.1	4.7	10/11	46	59.2	2.7	43	64.3	4.0	41
Custer .....	31.4	3.0	10/4	53						
FFR 444 .....	29.4(a)	4.9	9/27	49	57.0	2.1	40			
Kent .....	38.3	2.7	10/4	47						
L-21 .....	37.6	3.0	9/20	47						
Lewis 7B .....	36.5(a)	4.9	9/27	50						
N.A.P.B. Ex. 418 .....	34.6(a)	4.3	10/4	43	65.0	2.9	44			
Pfizer CB427 .....	37.2(a)	4.9	9/27	49						
Pfizer E414 .....	37.6(a)	4.0	9/20	47						
Pomona .....	38.0(a)	3.0	10/4	47	65.7	1.1	41			
Ring Around RA-135(a)-2 .....	37.5	3.1	10/4	55						
Schultz Mitchell .....	35.8(a)	4.6	9/27	49	65.4	1.4	43	60.5	2.5	36
SRF 70-10546 .....	41.8(a)	1.4	9/20	32						
SRF X73-89 .....	34.3(a)	4.8	10/4	50						
Mean .....	35.9	3.7		47	57.4	2.6	42.6	60.4	3.6	38
L.S.D. 10 .....	.									
L.S.D. 30 .....	.									
C.V. ....	15.0									
MATURITY GROUP V										
Essex .....	30.2	5.0	10/18	41	63.2	1.3	33	71.0	4.0	34
FFR 556 .....	26.8	4.5	10/18	49	52.5	1.4	56	65.7	4.0	60
Forrest .....	26.2	4.8	10/18	46						
Mean .....	27.7	4.8		45	59.1	1.7	40	60.4	3.6	38
L.S.D. 10 .....	..									
L.S.D. 30 .....	..									
C.V. ....	19.3									

(a) Substantial shattering before harvest.

This circular was prepared by G. L. Ross, Associate Agronomist, Paul Raymer, Research Assistant, and D. W. Graffis, Professor of Forage Crops Extension. Data processing was done by the Statistical Laboratory, Department of Agronomy.









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